

WORK ORDER 2012-19

Date opened: 30 May 2012

Project: Quick Release Cargo Basket Assembly
Type: Eurocopter AS350/355 SeriesBatch Quantity: 5 Complete Basket Assembly (76410-01)
Left Hand Configuration
5 Modified with Open Front End (70406)
5 Modified with Lid Step (70405)Approval: SH08-16
Drawing List: DCL764-3

Fabrication and Assembly Drawing(s)	Description
76410, Rev. 2	Basket Ass'y
76411, Rev. 3	Basket Body Ass'y
69812, Rev. 3	Basket Lid Ass'y
84255, Rev. 1	Handle Installation
84261, Rev. 1	Handle Bar Ass'y
84262, Rev. 1	Handle Bracket Ass'y
70405, Rev. 2	Lid Step Modification
70406, Rev. 1	Front End Cutout Modification

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	Y
Document Control List revision level matches (or exceeds) STC:	Y
Drawings revision levels match Document Control List:	Y
Purchase order or Work order source is recorded for each part/ass'y:	Y
Tests and inspections specifically called out on drawings are complete:	Y
Release tags associated with all fabricated parts are attached:	Y
All mounting hardware and supplies are included:	Y

List all non-conformities raised: _____

Welder Signature: _____ Date: _____

Inspector Signature: _____ Date: _____

Drawing: **76410** Revision 2
 Assembly: **76410-01** Cargo Basket Ass'y (Quick-Release, Medium, 75.75" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	76410-01	Cargo Basket Assembly			
. 1	76411-01	Basket Body Assembly	Below		
. 1	69812-01	Basket Lid Assembly	Below		
. 1	84255-01	Handle Bar Installation	Below		
. 1	36280-01	Brace Assembly	9-2081 Brace		
. 1	MS20001P4	Piano Hinge			
. 1	76427-01	Placard	0.063 Sheet, 6061-T6 Aluminum		
. 3	49205-14	Bumper	Argus Industries Bumper		
. 4	HR3213-4-02	HuckMax Rivet			
. 8	HR3523-5-02	HuckMax Rivet			
. A/R	HR3213-5-02	HuckMax Rivet			
. 4	40088-14	Fitting	Ancra		
. 4	AN960-616	Washer			
. 4	AN960-616L	Washer			
. 1	AN3-15A	Bolt			
. 1	AN3-17A	Bolt			
. 4	AN960-10	Washer			
. 2	AN970-3	Washer			
. 2	MS21044N3	Nut			

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR3213-4-02 Rivets BLIND		
Final Inspection	Drawing 76410			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **76411** **Revision 3**
 Assembly: **76411-01** **Basket Body Ass'y (Quick-Release, Medium, 75.75" long)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	76411-01	Basket Body Assembly			
. A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12045	
. A/R		Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12045	
. 3	76421-01	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	12045	
. 1	76422-01	Attachment Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	12045	
. . 2	69823-02	Lug	1018 Steel, 5/8" Rod	12056	
. 1	76423-01	Attachment Hoop			
. . 1		Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12045	
. . 1		Tube	4130 Steel, 1.0" x 0.065 Sqr. Tube	12045	
. . 1	76423-04	Cap	1018 Steel, 0.035 Sheet	9010	
. . 2	76423-05	Stud	1018 Steel, 5/8" Rod	12056	
. 1	36262-01	Handle Bracket Assembly	Below		
. 1	49215-01	Spacer	1018 Steel, 1/2" Rod	12056	
. A/R	3/4-16F	Mesh	Expanded carbon steel	10112	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 76411			
Final Inspection	Drawing 76411			

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Drawing: **69812** **Revision 3**
 Assembly: **69812-01** **Basket Lid Ass'y (Quick-Release, Medium, 75.75" long)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	69812-01	Basket Lid Assembly			
. 2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	12045	
. 2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	12045	
. 3	49213-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	12045	
. 1	49216-01	Spacer	1018 Steel, 1/2" Rod	12056	
. 1	84262-01	Upper Handle Bracket Assembly	Below		
. 1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9010 ✓	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12065	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 69812			
Final Inspection	Drawing 69812			

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Drawing: **84255** **Revision 0**
Assembly: **84255-01** **Handle Installation**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	84255-01	Handle Installation			
. 1	84261-01	Handle Bar Assembly	Below		
. 2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	12033	
. 2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	11030	
. 2	84267-01	Bracket	Delrin, 0.75" Sheet	WO2012-15	
. 2	AN3-12A	Bolt			
. 4	AN3-11A	Bolt			
. 10	AN960-10	Washer			
. 6	MS21044N3	Nut			

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 84255			

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Drawing: **84261** **Revision 0**
Assembly: **84261-01** **Handle Bar Assembly**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	84261-01	Handle Bar Assembly			
. 1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube		
. 2	84265-01	Lever	304 Stainless, 0.105 Sheet	10036	
. 2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	11057	
. 2	MS20615-4M3	Rivet		7039	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 84261			

Tag incomplete parts with Work Order # when stored between processes.

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Drawing: 84262 Revision 0
Assembly: 84262-01 Handle Bracket Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	84261-01	Handle Bracket Assembly			
. 4	84272-01	Bushing	4130 Steel, 5/16" x 0.058 tube	11049	
. 4	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	10039	
. 2	36275-02	Support	304 Stainless, 5/16" Rod	11093	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 84262			


Tag incomplete parts with Work Order # when stored between processes.

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Drawing: **70406** **Revision 0**
Assembly: **70406-01** **Open Front End Modification**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	70406-01	Open Front End Modification			
. 1	70406-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12045	
. 1	70406-04	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12045	
. 1	3/4-16F	Mesh	Expanded Carbon Steel	12065	

Note: Remainder of assembly listed on drawing 76410

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70406			


Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **70405** **Revision 0**
Assembly: **70405-01** **Lid Step Modification**

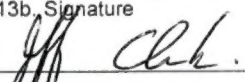
Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	70405-01	Lid Step Modification			
. 1	70405-03	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12045	
. 1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	12009	
. A/R	CR3213-4-2	Cherry Rivet		11126	

Note: Remainder of assembly listed on drawing 69812.

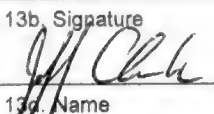
Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

Tag incomplete parts with Work Order # when stored between processes.


Tag complete parts / assemblies with Release Tag prior to storage.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2012-19
6. Item	7. Description Med. Cargo Basket	8. Part Number 76410-01-02	9. Qty. 1	10. Serial/Batch No. 76402-28	11. Status/Work New
12. Remarks Left hand, Modified with front end cutout and walkway on lid IAW DCL704					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 20 April 2013		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

TRK

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2012-19
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	Med. Cargo Basket	76410-01-02	1	76402-26	New
12. Remarks Left hand, Modified with front end cutout and walkway on lid IAW DCL704, Matte Black					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
<input type="checkbox"/> Non approved design data specified in block 12.					
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 05 Feb 2013		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

47c/1721 EXPRESS

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2012-19	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Med. Cargo Basket	76410-01-02	1	76402-27	New	
12. Remarks Left hand, Modified with front end cutout and walkway on lid IAW DCL704						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.						
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 13 Feb 2013		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

HEU OPS

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2012-19
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	Med. Cargo Basket	76410-01-02	1	76402-25	New
12. Remarks Left Hand, Black					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature	13c. Approved Organization Number		14b. Signature	14c. Approved Organization Number	
	AMF 73-04				
13d. Name	13e. Date (dd/mmm/yyyy)		14d. Name	14e. Date (dd/mmm/yyyy)	
Jeff Clarke	20 Nov 2012				
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

LAKELSE



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: LID (AS350 MED LH) No. of pieces: 1

Manufacturer: AERO DESIGN

Part No.: 69812-01-02 Serial / Batch No.: N/A

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2012-19

Remaining Tasks to be Performed: ~~INSPECT~~ ASSEMBLY w/BODY

LEFT ONLY

Signature: [Signature]

Date: 12 AUG 2013 Lic. No. / ACA

In Process



Aero Design Ltd.


9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

In Process

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2012-19
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	Med. Cargo Basket	76410-01-02	1	76402-33	New
12. Remarks Left hand; Modified with walkway on lid IAW DCL704;					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 11 May 2015		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

KEU MUSKOKA



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

76411-01-02

Aircraft:

Eurocopter

Model: AS350

Description:

Basket Body (L.H.)

Supplier:

Aero Design

Color:

White

WO#:

2012-19

PO# N/A